

WHAT IS CLAIMED IS:

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1. A microbicidal composition comprising a complex of the formula R-M, wherein R is at least one organic chelating moiety and M is at least one metal ion, and where R is present in an at least equimolar amount based on the amount of M, and M is microbicidal to at least one microorganism.
  2. The microbicidal composition of claim 1, further comprising an aqueous solution.
  3. The microbicidal composition of claim 1, wherein said at least one metal ion is a  
10 silver ion or colloidal silver or both.
  4. The microbicidal composition of claim 1, wherein said at least one metal ion of copper, zinc, mercury, chromium, manganese, nickel, cadmium, arsenic, cobalt, aluminum, lead, selenium, platinum, gold, titanium, tin, barium, vanadium, bismuth, iron, strontium, antimony, and the like, and combinations thereof.
  - 15 5. The microbicidal composition of claim 1, wherein said at least one organic chelating moiety comprises at least one amino acid.
  6. The microbicidal composition of claim 1, further comprising at least one disinfectant.
  7. The microbicidal composition of claim 1, wherein said at least one organic  
20 chelating moiety is formed from an alpha-amino acid.
  8. The microbicidal composition of claim 1, wherein said at least one organic chelating moiety is selected from isoleucine, phenylalanine, leucine, lysine, methionine, threonine, tryptophan, valine, alanine, glycine, arginine, histidine, and mixtures thereof.

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to control the  
microbicidal c  
d composition

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~~claim 6, wherein~~  
~~chlorhexidine~~  
~~claim 6, wherein~~

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16. A microbicidal composition comprising a product obtained by combining at least one metal ion (M) with at least an equimolar amount of at least one organic chelating moiety (R) based on the amount of M, wherein M is microbicidal to at least one microorganism.



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into a container of water a tablet comprising the microbicidal composition of claim 1.

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Self  
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Figure

colors or flavors.

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